Dam Safety –Non- Jurisdictional Dam Data Dictionary

This document describes the Dam Safety – Non Jurisdictional Dam dataset in the Colorado Information Marketplace.

A Non-Jurisdictional Dam is a dam creating a reservoir with a capacity of 100 acre-feet or less and a surface area of 20 acres or less and with a height measured as defined in Rules 4.2.5.1 and 4.2.19 of 10 feet or less. Non-jurisdictional size dams are regulated and subject to the authority of the State Engineer consistent with sections 37- 87-102 and 37-87-105 C.R.S.

Data Dictionary

Field Name	Description	Data Type
DAMID	Unique SEO Dam ID	Text
Dam Name	Official name of the Dam	Text
Other Dam Names	Names other than the official name (i.e., reservoir name) of the dam in common use.	Text
WDID	SEO Administrative Structure WDID for the reservoir.	Text
Physical Status	Indicates physical status of dam	Text
DIV	Division where the Dam is located.	Number
WD	Water District where the Dam is located.	Number
County	County where the Dam is located.	Text
PM	Principle Meridian.	Text
Township	Township	Text
Range	Range	Text
Section	Section	Number
Q160	160 acre quarter section indicator.	Text
Q40	40 acre quarter section indicator.	Text
UTM x	The x (Easting) component of the Universal Transverse Mercator system. (NAD83 datum)	Number
UTM y	The y (Northing) component of the Universal Transverse Mercator system. (NAD83 datum)	Number

Location Accuracy	Accuracy of UTM coordinates.	Text
Latdecdeg	Latitude (decimal degrees)	Number
Longdecdeg	Longitude (decimal degrees)	Number
Stream	Official name of the river or stream on which the dam is built. If the stream is unnamed, identify it as a tributary to a named river, e.g., Snake-TR. If the dam is located offstream, enter the name of the river or stream plus "-OS", e.g., Snake-OS.	Text
Dam Length	The length, in feet, of the dam which is defined as the length along the top of the dam. This also includes the spillway, power plant, navigation lock, fish pass, etc., where these form part of the length of the dam.	Number
Dam Height	The height of the dam, in feet to the nearest foot, which is defined as the vertical distance between the lowest point on the crest of the dam and the lowest point in the original streambed.	Number
Normal Storage	The normal storage, in acre-feet, which is defined as the total storage space in a reservoir below the normal retention level, including dead and inactive storage and excluding any flood control or surcharge storage.	Number
Surface Area	The surface area, in acres, of the impoundment at its normal retention level.	Number
Drainage Area	The drainage area of the dam, in square miles, which is defined as the area that drains to a particular point (in this case, the dam) on a river or stream.	Number
Outlet Description	Type of outlet on a dam (i.e Steel pipe, Concrete pipe, Tunnel, etc.)	Text
Primary Name	Person/Agency who owns the dam	Text
Primary Contact	Person representing the owner.	Text
Assigned To	The Dam Safety engineer assigned to the dam	Text

More Information	Link to Dam Safety web page.	URL
Location	Latitude/Longitude where the Dam is located. Used in Marketplace for mapping.	Location